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970 898 7247 P. 01

HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400

ATTORNEY DOCKET NO. 10013444 -1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

inventor(s):

David Jerome Johnson et al

Confirmation No.: 1931

Application No.: 10/001594

Examiner: Chace, Christian

Filing Date:

Oct 31, 2001

Group Art Unit: 2187

Title:

Identification Of Stale Entries In A Computer Cache

Mail Stop Amendment Commissioner for Patents PO Box 1450 Alexendria, VA 22313-1450

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DEC 1 0 2004

Sir:

This Information Disclosure Statement is submitted:

under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the marits; whichever occurs last)

INFORMATION DISCLOSURE STATEMENT

( ) under 37 CFR 1.97 (c) together with either a:

( ) Statement under 37 CFR 1.97(e), or

( ) a \$180,00 fee under 37 CFR 1.17(p), or (After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)

(X) under 37 CFR 1.97 (d) together with a:

(X) Statement under 37 CFR 1.97(e)(1) or (2), and

(X) a \$180.00 fee set forth in 37 CFR 1.17(p). (Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$180.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

(	I hereby certify that this correspondence is being				
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(X) I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number 103-872-9306 on 1 Number of pages:

Typed Name:Donna M Kraft

Respectfully submitted,

David Jerome Johnson et al

Augustus W Winfield

Attorney/Agent for Applicant(s)

Reg. No. 34,046

Date: Dec. 9 , 2004

DEC-10-2004 11:24 HEWLETT PACKARD LGL FCOLL
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Mail Stop Amendment Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

## STATEMENT UNDER 37 CFR 1.97(e)

Sir:

The undersigned hereby certifies that either:

- Each item of information contained in the Information Disclosure Statement was cited for the first time in a communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the statement, or
- ( ) No item of information contained in the Information Disclosure Statement -
  - -- was cited in a communication from a foreign patent office in a counterpart foreign application, and
  - -- to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 CFR 1.58 (c) more than three months prior to the filing of the information Disclosure Statement.

Respectfully submitted,

David Jerome Johnson et al

Augustus W Winfield

Attorney/Agent for Applicant(s)

Reg. No. 34,046

Date: Dec. 9, 2004

Telephone No.: (970) 898-3142

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Complete if Known Substitute for form 1448/PTO Application Number 10/001,594 Filing Date 10/31/2001 INFORMATION DISCLOSURE David Jerome Johnson First Named Inventor STATEMENT BY APPLICANT Art Unit 2187 (Use as many sheets as necessary) Examiner Name Chace, Christian Attorney Docket Number |10013444-1 Sheet 1

U. S. PATENT DOCUMENTS Name of Patentee or Pages, Columns, Lines, Where Publication Date Examiner Cite No. Document Number MM-DD-YYYY Applicant of Oiled Document Relevant Passages or Relevant Initials' Floures Appear Number-Kind Code<sup>2 (Finom)</sup> US US US-ÜS-US-US-ŪS. US-US. US. US-ŲŠ-LIG. US uś-US-US-

FOREIGN PATENT DOCUMENTS						
Examinor Intitala	No.1	Foreign Patent Document	Publication Date	Name of Petentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Ĭ
		Country Code* Number* "Kind Code* (# known)	MM-DD-YYYY			₹*
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Palent and Trademark Office, P.O. Box 1450, Alexandris, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. GEND TO: Gommissioner for Patents, P.O. Box 1450, Alexandris, VA 22313-1450.

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Subethu	ts for form 1448/P1	O		Application Number	10/001,594	
INF	ORMATIC	N DIS	CLOSURE	Filing Date	10/31/2001	
STATEMENT BY APPLICANT				First Named Inventor	David Jerome Johnson	
(Use as many sheets as necessary)				Art Unit	2187	
				Examiner Name	Chace, Christian	
Sheel	2	of	2	Attorney Docket Number	10013444-1	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, Journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		DEVILLE, Y. (Dec. 1, 1990) A low-cost usage-based replacement algorithm for cache memories. Computer Architecture News, New York US	
		Search Report dated Oct. 14, 2004	
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